BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Yelahanka Division
B.B.M.P. Bangalore - 64

APROVED SCHEDULE - B

Name of work: Maintenance of Existing Borewells at village areas in ward No- 02 of yelahanka Sub Division.

Sl. No.	Description	Unit	Approved Quantity	Rates	Rates in words
1	Lifting of Submersible Pump set **(P,56/I.10.3.21 RDED SR (2012-13)**	No	2	850.00	Rupees eight hundred fifty and paise zero only
2	Transportataion of pumping machineries **(P.46/I.10.3.19)RDED SR (2012-13)**	No	2	900.00	Rupees nine hundred and paise zero only
3	**A) Repairs to Motor:**Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6months. **RDED SR (2012-13)P NO.54/ I,NO.A)**				
	a) -Do - above 3HP upto 5HP	No	2	2500.00	Rupees two thousand five hundred and paise zero only
	b) -Do - above 5HP upto 10HP	No	2	3700.00	Rupees three thousand seven hundred and paise zero only
	(Above 5HP upto 10HP add Rs.120/- for every 1/2 HP)				
	B) Replacement of Motor Parts:				
4	Above 5HP Stator (with one year Gurantee) **No.55/Ino.10.3.3C(2)RDED SR (2012-13)**	No	2	5050.00	Rupees five thousand fifty and paise zero only
5	Above 5HP Rotor (with one year Gurantee) **P.No.55/I .10.3.6C(2)RDED SR (2012-13)**	No	2	4700.00	Rupees four thousand seven hundred and paise zero only
6	Upper Flange **P.No.55/I No.10.3.7 RDED SR (2012-13)**	No	2	350.00	Rupees three hundred fifty and paise zero only
7	Lower Housing **P.No.56/I No.10.3.10 RDED SR (2012-13)**	No	2	650.00	Rupees six hundred fifty and paise zero only
8	Lower Flange **P.No.55/I No.10.3.8 RDED SR (2012-13)**	No	2	350.00	Rupees three hundred fifty and paise zero only
9	a) Carbon Housing **P.No.56/I No.10.3.12 RDED SR (2012-13)**	No	2	475.00	Rupees four hundred seventy five and paise zero only
10	b) Thrust bearing block assembly complete with Segment bearing pad **P.No.56/I No.10.3.13 RDED SR (2012-13)**	No	1	1150.00	Rupee one thousand one hundred fifty and paise zero only
11	c) Tip Carbon /Ferrodo pading **P.No.56/I No.10.3.14RDED SR (2012-13)**	No	2	150.00	Rupees one hundred fiffty and paise zero only

Sl. No.	Description	Unit	Approved Quantity	Rates	Rates in words
12	Bearing (Gun metal)Centrifugal cast Aluminium Bronze, bearing bush **P.No.56/I No, RDED SR (2012-13)**	No	2	400.00	Rupees four hundred and paise zero only
13	Motor Base with pin **P.No. 56/ I No.10.3.18 RDED SR (2012-13)**	No	2	475.00	Rupees four hundred seventy five and paise zero only
14	Re-erection charges of pumping machineries including overhauling and painting **P.No.56/I No 10.3.20,RDED SR (2012-13)**	No	1	950.00	Rupees nine hundred fifty and paise zero only
15	Labour Charge (overhauling Motor only) **P.No.56/ I No.10.3.22 RDED SR (2012--13)**	No	1	550.00	Rupees five hundred fifty and paise zero only
16	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls **P.No.54 / I No B1 RDED SR (2012-13)10.2.1**	No	2	700.00	Rupees seven hundred and paise zero only
17	Intermediate piece (I.P) with IP leaded bronze bush **P.No. 54/ I No.10.2.2B2 RDED SR (2012-13)**	No	2	450.00	Rupees four hundred fifty and paise zero only
18	Oil seal **P.No. 54/ I No.10.2.3 B3 RDED SR (2012-13)**	No	2	125.00	Rupees one hundred twenty five and paise zero only
19	Oil seal steel bush **P.No. 54/ I No.B410.2.4 RDED SR (2012-13)**	No	2	150.00	Rupees one hundred fifty and paise zero only
20	Guide vane Pno 54/I No B5 RDED (2012-13) 10.2.5	No	2	175.00	Rupees one hundred seventy five and paise zero only
21	Impeller (shell moulded with aluminium and Bonze) P No 39/ I no B6 RDED SR 2002-03	No	2	425.00	Rupees four hundred twenty five and paise zero only
22	a) Discharge outlet (D.O) Bearing D.O Steel Bush **P.No. 54/ I No.10.2.6B7 RDED SR (2012-13)**	No	2	445.00	Rupees four hundred forty five and paise zero only
23	b)D.O Bearing **P.No. 54/ I No.B7 RDED SR (2012-13)10.2.7**	No	2	285.00	Rupees two hundred eighty five and paise zero only
24	Steel bush (D.O) steel bush) **P.No. 54/ I No.10.2.9 B8 RDED SR (2012-13**	No	2	150.00	Rupees one hundred fifty and paise zero only
25	Allen Screw **P.No. 54/ I No.10.2.10 RDED SR (2012-13**	No	3	25.00	Rupees twenty five and paise zero only
26	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) **P.No. 55/ I No.10.2.11 RDED SR (2012-13)**	No	2	950.00	Rupees nine hundred fifty and paise and paise zero only
27	Pump key (Stainless steel) **P.No. 55/ I No.10.2.12 RDED SR (2012-13)**	No	2	125.00	Rupees one hundred twenty five and paise zero only
28	Pump coupling (stainless steel) **P.No. 55/ I No.10.2.1312RDED SR (2012-13**	No	1	250.00	Rupees two hundred fifty and paise zero only
29	Non - Return valve (NRV) assembly complete with rubber 'O' Ring **P.No. 55/ I No10.2.14 RDED SR (2012-13)**	No	1	1350.00	Rupees one thousand three hundred fifty and paise zero only
30	Cabble guard **P.No. 55/ I No.10.2.15 RDED SR (2002-03)**	No	1	150.00	Rupees one hundred fifty and paise zero only
31	Strainer **P.No. 40/ I No.15RDED SR (2012-13)**	No	1	150.00	Rupees one hundred fifty and paise zero only

Sl. No.	Description	Unit	Approved Quantity	Rates	Rates in words
32	Providing and fixing 50 mm dia heavy duty coller **SE RDED Approved rate**	No	2	130.00	Rupees one hundred thirty and paise zero only
33	KSRB 2-1.1:Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications (P.NO - 5, I.NO - 2.1, PWD SR 15-16	Cum			
	for PVC pipe		275.40	283.02	Rupees two hundred eighty three and paise two only
34	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., **Page No.12 item No.3.4.2 b PRED SR 2012-13**	Rmtr			
	75 mm dia 6 KSC PVC pipe		340.00	157.00	Rupees one hundred fifty seven and paise zero only
	63mm dia 6 KSC		340.00	112.00	Rupees one hundred twelve and paise zero only
35	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications (P.NO - 6, I.NO - 2.11, PWD SR 15-16)	cum	275.40	76.32	Rupees seventy six and paise thirty two only
36	Providing and constructing stand post of size 1.2m x 1.22m for public fountain with stone posts of size 0.45x1.22x0.10m with top rounded with holes of 25mm size with stone pot rest of 0.45x0.30x0.20m with central dip and kerb stone 8 cms thick 20cms wide alround with top rounded with cement concrete plat form 1:2:4 proportion 10cms thick and smooth finishing with cement mortor 1:3 to the exposed faces with necessary frame work and curing including two line dressing to all stones exposed and construction of lead off drains as per directions of departmental officers and necessary earthwork excavation and disposing off the excavated earth as directed with all leads and lifts etc complete. P 20 Item No 3.16 of PRED SR for 2012-13	Each	10.00	2788.21	Rupees two thousand seven hundred eighty eight and paise twenty one only
37	Cleaning of borewells including yeild testing of Borewell either using Slow or fast Rig for not more than 2 hours at the final depth with a minimum working of 2 hours continuously with air compressor or suitable pump as per specification including the cost of consumbles etc complete P 49 Item no 9.5 of PRED SR 2012-13	Each	2.00	10431.84	Rupees ten thousand four hundred thirty one and paise eighty four only
38	Logging/scanning of borewell at any depth continuously with the help of Logger unit including the cost of transportation charges, crew charges, stationery charges and cost of consumables etc. P 49 Item No 9.7	Each	3.00	1646.97	Rupees one thousand six hundred forty six and paise ninty seven only

Sl. No.	Description	Unit	Approved Quantity	Rates	Rates in words
39	Providing and constructing Platform in CC 1:2:4 proportion using hard granite of basalt or trap jelly of 20mm down size for india Mark - III (VLOM) hand pump as per approved drawing enclosed to the SR according to IS 13056:1991 (Unicef standards) including machine mixing laying tamping curing and smooth finishing to exposed faces in CM 1:3 with necessary moulds including earthwork excavation with all leads for materials etc complete. page No 50 Item No 9.11 RDED SR 2012-13	Each	3.00	7584.92	Rupees seven thousand five hundred eighty four and paise ninety two only
	construction of MINI WATER SUPPLY TANK				
40	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No. KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2015-16	cum	18.23	188.68	Rupees one hundred eighty eight and paise sixty eight only
41	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 130 (SR 2015-16)	cum	18.23	84.02	Rupees eighty four and paise two only
42	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix **1:3:6 withOPC** cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.2/ PWD SR 2015-16	Cum	2.50	5139.94	Rupees five thousand one hundred thirty nine and paise ninety four only
43	KSRB 5.2.3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23/ Item No. 5.6/ PWD SR 2015-16	Cum	22.40	4058.74	Rupees four thousand fifty eight and paise seventy four only
44	KSRB-4-1.5 : Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.43cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in **foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 /P. No. 12/ Item No. 4.5/ PWD SR 2015-16	Cum	2.78	5880.88	Rupees five thousand eight hundred eighty and paise eighty eight only
45	RCC Pipes NP2 1200mm dia including collers Sl No 604 Code No 0830 Page No XXI PWD SR 2015-16	Mtrs	2.50	4750.00	Rupees four thousand seven hundred fifty and paise zero only

Sl. No.	Description	Unit	Approved Quantity	Rates	Rates in words
46	Providing, GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 15-16 PWD Page No XVII code No 509. 0154)B class Pipe 50mm dia	Rmtr	7.00	321.00	Rupees three hundred twenty one and paise zero only
47	Labour charges for giving 50mm dia GI pipe end connection from rising main to cisten including cutting threading conveying laying and jointing etc complete inclusive of fixing 4 Nos of 20mm dia GI pipes with taps to the cisten P 19 Item No 3.13 of PRED SR 2012-13	Each	1.00	1429.64	Rupees one thosuad four hundred twenty nine and paise sixty four only
48	Erection of RCC Hume pipe pump house / cisten on size stone masonry platform including transportation charges and handling with all necessary tools and plants complete as directed by the Engineer in charge of work P 20 Item No 3.17 of PRED SR 2012-13	Each	1.00	1256.60	Rupees one thousand two hundred fifty six and paise sixty only

Signature of the Contractor

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